

Sheet 1 of 3

EXPRESS MAIL NO.: EL 501 639 185 US

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

7991-086

APPLICATION NO.

09/685,403

APPLICANT

Beetham et al.

FILING DATE

October 10, 2000

GROUP

1638

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,174,694	01/16/01	Havre et al.			
	AB	6,066,788	05/23/00	Rose-Fricker			
	AC	6,010,907	01/04/00	Kmiec et al.			
	AD	6,004,804	12/21/99	Kumar et al.			
	AE	5,945,339	08/31/99	Holloman et al.			
	AF	5,888,983	03/30/99	Kmiec et al.			
	AG	5,871,984	02/16/99	Kmiec			
	AH	5,866,775	02/02/99	Eichholtz et al.			
	AI	5,804,425	09/08/99	Barry et al.			
	AJ	5,795,972	08/18/98	Kmiec			
	AK	5,780,298	07/14/98	Holloman et al.			
	AL	5,760,012	06/02/98	Kmiec et al.			
	AM	5,756,325	05/26/98	Kmiec			
	AN	5,731,181	03/24/98	Kmiec			
	AO	5,565,350	10/15/96	Kmiec			
	AP	5,334,711	08/02/94	Sproat et al.			
	AQ	5,312,810	05/17/94	Kishore et al.			
	AR	5,310,667	05/10/94	Eichholtz et al.			
	AS	5,302,523	04/12/94	Coffee et al.			
	AT	5,204,253	04/20/93	Sanford et al.			
	AU	5,145,783	09/08/92	Kishore et al.			
	AV	5,100,792	05/31/92	Sanford et al.			
	AW	4,945,050	07/31/90	Sanford et al.			
	AX	4,545,060	10/01/85	Amon			
	AY	09/587,436		Havre et al.			05/05/00
	AZ	09/576,081		Bartlett and Rando			05/20/00
	BA	09/429,292		Ramesh et al.			10/28/99
	BB	09/429,291		Kmiec et al.			10/28/99
	BC	09/384,860		Metz et al.			08/27/99
	BD	09/129,298		Kipp et al.			08/05/98
	BE	09/108,006		Steer et al.			05/30/98
	BF	08/927,165		Kmiec et al.			09/11/97
	BG	60/135,139		Bartlett			05/21/99

Sheet 2 of 3

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BH	EP 629 387	12/21/94	Europe				
	BI	EP 679 657	11/02/95	Europe				
	BJ	PCT/US00/23457	08/25/00	PCT				
	BK	WO 00/17329	03/30/00	PCT				
	BL	WO 99/58723	11/18/99	PCT				
	BM	WO 99/58702	11/18/99	PCT				
	BN	WO 99/40789	08/19/99	PCT				
	BO	WO 99/07865	02/18/99	PCT				
	BP	WO 98/54330	12/03/98	PCT				
	BQ	WO 98/49350	11/05/98	PCT				
	BR	WO 98/11214	03/19/98	PCT				
	BS	WO 97/04103	02/06/97	PCT				
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	BT	Alexeev and Yoon, 1998, "Stable and inheritable changes in genotype and phenotype of albino melanocytes induced by an RNA-DNA oligonucleotide," <i>Nature Biotech</i> 16:1343-1346						
	BU	Beetham <i>et al.</i> , 1999, "A tool for functional plant genomics; chimeric RNA/DNA oligonucleotides cause <i>in vivo</i> gene-specific mutations," <i>Proc. Nat'l Acad. Sci. USA</i> 96: 8774-8778						
	BV	Cole-Strauss <i>et al.</i> , 1996, "Correction of the mutations responsible for sickle cell anemia by an RNA-DNA oligonucleotide," <i>Science</i> 273:1386-1389						
	BW	Fortani <i>et al.</i> , 1992, "A glyphosate-resistant 5-enol-pyruvyl-shikimate-3-phosphate synthase confers tolerance to a maize cell line," <i>Plant Science</i> 85:9-15						
	BX	Frame <i>et al.</i> , 1994, "Production of fertile transgenic maize plants by silicon carbide whisker-mediated transformation," <i>Plant J.</i> 6: 941-946						
	BY	Gallois <i>et al.</i> , 1996, "Electroporation of Tobacco Leaf Protoplasts Using Plasmid DNA or Total Genomic DNA," <i>Methods in Molecular Biology</i> 55: 89-107, Humana Press, Totowa, NJ						
	BZ	Gamper <i>et al.</i> , 2000, "The DNA strand of chimeric RNA/DNA oligonucleotides can direct gene repair/conversion activity in mammalian and plant cell-free extracts," <i>Nucleic Acids Research</i> 28:4332-4339						
	CA	Kipp <i>et al.</i> , 1989, "Gene-Targeting in Plants via Site-Directed Mutagenesis," <i>Methods in Molecular Biology</i> 133: 213-221, Humana Press, Totowa, NJ						
	CB	Kishore <i>et al.</i> , 1986, abstract "Isolation, Purification and Characterization of a Glyphosate Tolerant Mutant <i>E. coli</i> EPSP Synthase," <i>Fed. Proc.</i> 45: 1506						
	CC	Kishore and Shah, "Amino Acid Biosynthesis Inhibitors as Herbicides," <i>Ann. Rev. Biochem.</i> 57: 627-663						
	CD	Kren <i>et al.</i> , 1997, "Targeted nucleotide exchange in the alkaline phosphatase gene of HuH-7 cells mediated by chimeric RNA/DNA oligonucleotide," <i>Hepatology</i> 25:1462-1468						
	CE	Padgett <i>et al.</i> , 1991, "Site-directed Mutagenesis of a Conserved Region of the 5-Enolpyruvylshikimate-3-phosphate Synthase Active Site," <i>J. of Biological Chemistry</i> 266:22364-22369						
	CF	Paszowski <i>et al.</i> , 1988, "Gene targeting in plants," <i>EMBO J.</i> 7(13):4021-4026						
	CG	Putcha and Hohn, 1996, "From centiMorgans to base pairs: homologous recombination in plants," <i>Trends Plant Sci.</i> 1(10):340-348						
	CH	Rice <i>et al.</i> , 2000, "Genetic repair of mutations in plant cell-free extracts directed by specific chimeric oligonucleotides," <i>Plant Physiol.</i> 123:427-438						

Sheet 3 of 3

	CI	Schaefer and Zyrd, 1997, "Efficient gene targeting in the moss <i>Physcomitrella patens</i> ," Plant J. <u>11</u> :1195-1206
	CJ	Schultz <i>et al.</i> , 1984, "Insensitivity of 5-enolpyruvylshikimic acid-3-phosphate synthase to glyphosate confers resistance to this herbicide in a strain of <i>Aerobacter aerogenes</i> ," Arch. Microbiol. <u>137</u> : 121-123
	CK	Shah <i>et al.</i> , 1986, "Engineering Herbicide Tolerance in Transgenic Plants," Science <u>233</u> : 478-481
	CL	Sost and Amrhein, 1990, "Substitution of Gly-96 to Ala in the 5-Enolpyruvylshikimate 3-Phosphate Synthase of <i>Klebsiella pneumoniae</i> Results in a Greatly Reduced Affinity for the Herbicide Glyphosate," Arch. Biochem. Biophys. <u>282</u> : 433-436
	CM	Sost <i>et al.</i> , 1984, "Characterization of a glyphosate-insensitive 5-enolpyruvylshikimic acid-3-phosphate synthase," FEBS Lett. <u>173</u> : 238-241
	CN	Zhu <i>et al.</i> , 1999, "Targeted manipulation of maize in vivo using chimeric RNA/DNA oligonucleotides," Proc. Nat'l Acad. Sci. <u>96</u> :8768-8773
	CO	Zhu <i>et al.</i> , 2000, "Engineering herbicide-resistant maize using chimeric RNA/DNA oligonucleotides," Nat Biotech <u>18</u> :555-558
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		